APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

Quantitative Separation of Niobium (Columbium) and Tantalum from Titanium and Zirconium by Means of Pyrogallic Acid, by L. P. Alimarin, D. I. Ryabchikov, 18 pp.

RUSSIAN, mo per, Zav Lab. Vol VII, No 2, 1938, pp XXX 1109-1116.

Sci Tr Center
RT-3927

Sci - Chemistry

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Zavod Lab, Vol 7, page 1257-60 (1938)?

The Determination of Acetylene in Liquid Oxygen
by L. S. Aizenshtein

AEC Trans (Avail. Brookhaven)

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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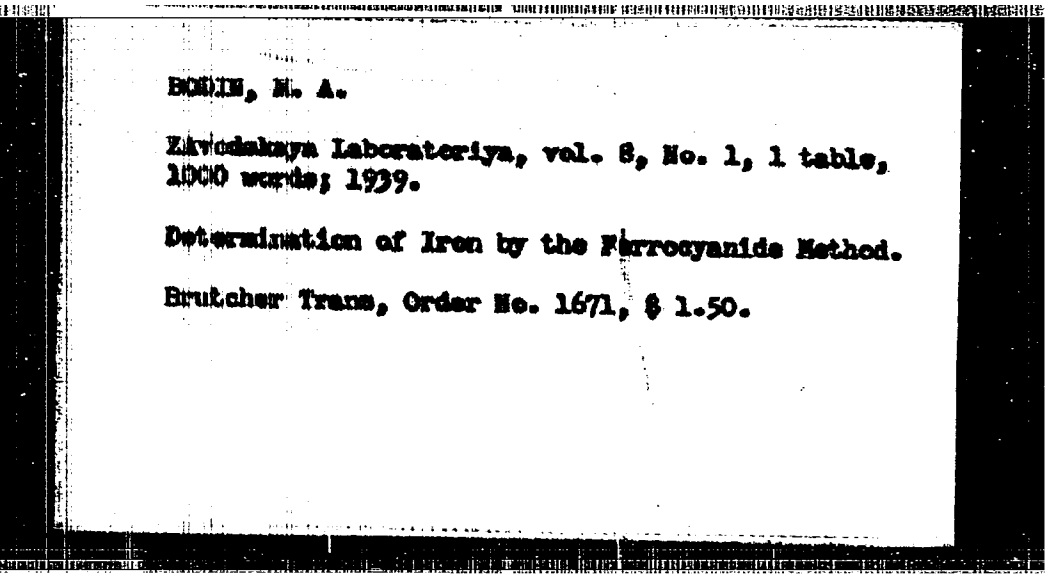

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Zavodskaya Laboratoriya, vol. 8, No. 1, 1 table, 1000 words; 1939.

Determination of Iron by the Ferrocyanide Method.

Brutcher Trans, Order No. 1671, $ 1.50.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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STOCKLI, M.

Zavodskaya Laboratoriya, vol. 8, 1 diagram, 4 tables, 3350 words; 1939.

Determination of Ferrous and Ferric Oxide in Sponge Iron.

Brutcher Trans, Order No. 1510, $ 4.15.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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A Shorter Method for Titanium in Ferrotitanium.

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Spectroanalytical Determination of Zirconium, Titanium, and Columbium in Alloy Steels.

Brutcher Trans, Order No. 1162, $1.85.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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The Determination of Sesquioxides as Phosphates, by A. G. Filippova, 6 pp.

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SLA R-2298

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SHCHERBAKOV, V.

Zavodskaya Laboratoriya, vol. 8, 1939, pp. 389-391; 2 tables, 1850 words.

Determination of Cobalt and Nickel in Green and Sintered Tungsten-Carbide Base Compacts.

Brutcher Trans, Order No. 1317, $2.30

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Simple Method of Making a Step Wedge for Spectrum Analysis in Ultraviolet, by N. Sventitskiy

RUSSIAN, per, Zavod Lab, Vol VIII, 1939, pp 512-514,

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Detection of Defects in Metallic Objects by an Ultrasonic Method, by D. S. Shraiber

Full translation.

RUSSIAN, per, Zavod Lab, Vol VIII, No # 7, 1939, pp 816-825.

AEC Tr 1606

Scientific - Physics

Jun 53 CTS/DEX

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Determination of Lithium in Aluminum Alloys by Spectral Analysis, by K. A. Sukhenko, 3 pp.

RUSSIAN, per, Zavod Lab, Vol VIII, No 8, 1939, pp 836-837.

Sci Trans Center RF-3241

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Determination of Silicic Acid in Aluminate Solutions Containing Chromium and Fluorine, by M. A. Vasil'ev and O. D. Barinova, 9 pp.

RUSSIAN, per,Zavod Lab, Vol VIII, 1939, pp 916-920.

SLA R-2447

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Determination of Phosphorus and Its Halides, by O. D. Khalizova, 6 pp.

RUSSIAN, per, Zavodskaya Lab, Vol VIII, 1939, pp 940 943.

SLA R-2924

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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AND OTHERS.

Zavodskaya Laboratoriya, vol. 8, 1939, pp. 953-956;
16 figures; 2900 words.

Radiographic Method for Rapid Determination of Evolution of Gases in the Melting and Pouring of Steel.

Brutcher Trans, Order No. 815, $2.90.

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Determination of Free Oxide ofCalcium by the Phenol Method, by D. A. Nirenshtein.

RUSSIAN, per, Zavod Lab. Vol XVIII, 1939, pp 1066-1069.

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Gravimetric Determination of Phosphorus by Means of 8-Hydroxyquinoline, by I. R. Shik, 3 pp.

RUSSIAN, per, Zavodskaya Lab, Vol VIII, No 10-11, 1939, pp 1179-1181.

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Zavodskaya Laboratoriya, vol. 9, 5 figures, 350 words; 1940.

How to Develop Grinding Burns on Hardened Steel Surfaces.

Brutcher, Trans. Order No. 1364, $1.00

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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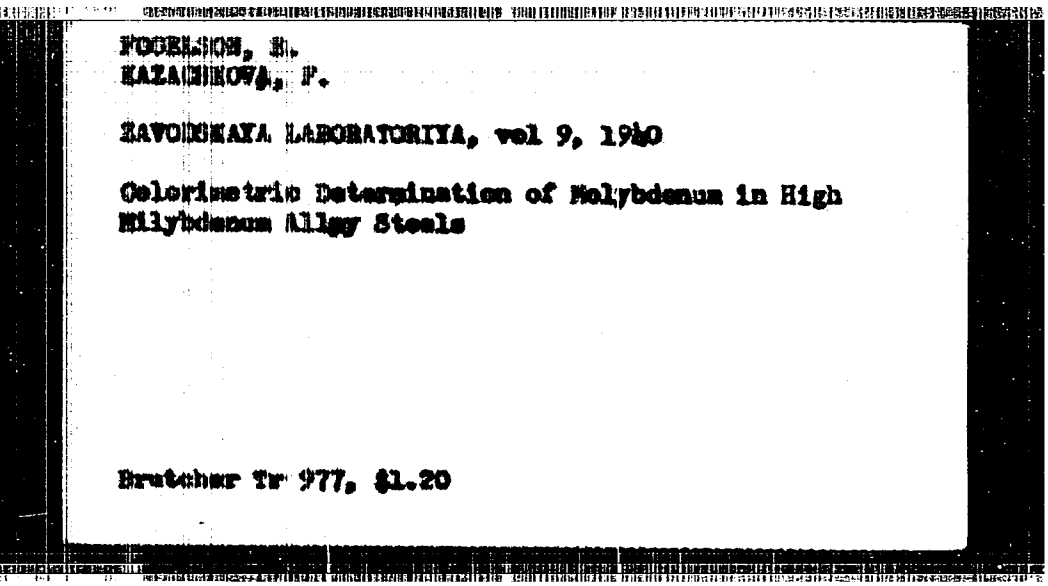

[redacted], B.
KAZAKEVICH, P.

ZAVODSKAYA LABORATORIYA, vol 9, 1940

Colorimetric Determination of Molybdenum in High Molybdenum Alloy Steels

Brutcher Tr 977, $1.20

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FOGELSON, E.

Zavodskaya Laboratoriya, vol. 9, 950-word part translation; 1940.

Use of Phenylanthranilic Acid for Determining Vanadium in Steels and Small Quantities of Chromium in Iron.

Brutcher Trans, Order No. 981, $1.20

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Zavodskaya Laboratoriya, vol. 9, 1 table, 800 words; 1940.

Quick Method for Chromium in Steels with up to 3% Chromium.

Brutcher Trans, Order No. 959 $1.00

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Zavodskaya Laboratoriya, vol. 9, 1 figures, 500 words; 1940.

Determination of Actual Grain Size in Plain Carbon Steel for Springs.

Brutcher Trans, Order No. 996, $ 1.00.

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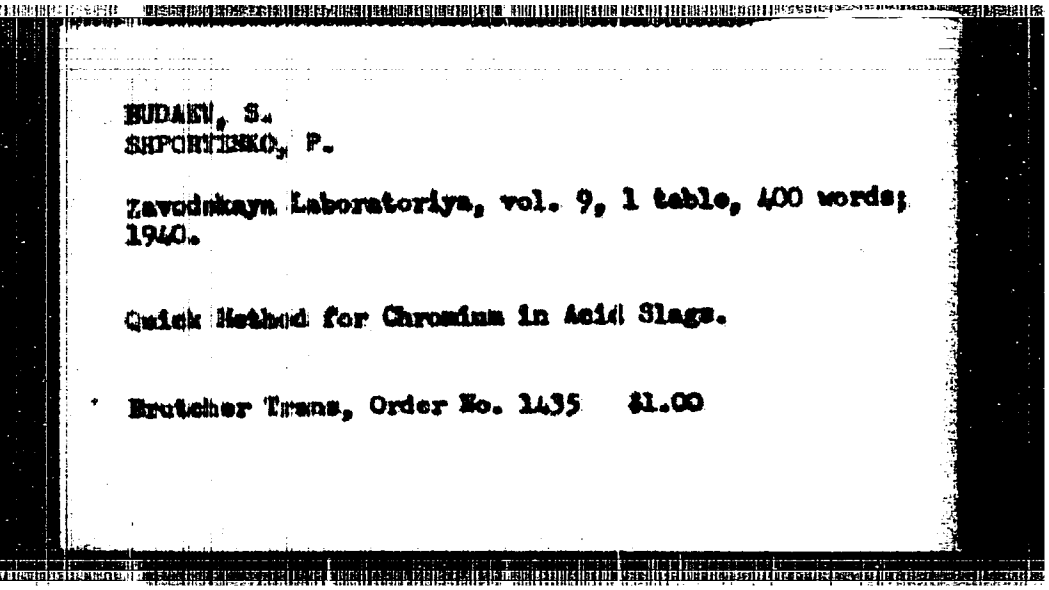

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Quick Method for Chromium in Acid Slags.

Brutcher Trans, Order No. 1435 $1.00

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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LVOV, G.

Zavodskaya Laboratoriya, vol. 9, 525 words; 1940

Ether Method for Detecting Surface Cracks on Steel Parts.

Brutcher Trans, Order No. 976, $1.00

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Zavodskaya Laboratoriya, vol. 9, 3 figures, 1 table, 1300 words; 1940.

New Method of Testing Thin Wire for Plasticity.

Brutcher Trans., Order No. 1148, $1.60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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A Visual Method of Detection of Gas Occlusions in Welds From Heavily Coated Electrodes, by V. Bushin

RUSSIAN, pgs Zavod.Lab, Vol IX, 1940.

Brutcher Tr No 1428

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Scientific - Min/Metals $1.00

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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NEW TREND IN THE METHODS OF DETERMINING OXYGEN IN ALLOY STEELS, BY G. YA. VEYNBERG.

RUSSIAN, PER, ZAVOD LAB, NO 1, 1940, PP 23-25.

NLL M.3411

SCI - M/M

JUN 62

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Chemical Analysis of Chromites, by N. V. Lazarev. UNCL

RUSSIAN, per, Zavod Lab, Vol IX, 1940, p 192.

DSIR LLU M.1174

(loan)

Sci - Chem
Feb 60

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Determination of Phosphorus in Limestones in the Forme of the Molybdenum Hydroxyquinoline Complex of Phosphoric Acid, by V. S. Matsevich, 3 pp.

RUSSIAN, per, Zavod Lab, Vol IX, No 2, 1940, pp 229-230.

SLA R-3305

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Jul 59

92, 991

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Rapid Determination of the Oxides of Aluminum in Aluminum and Alumina-Silicate Cements, by V. T. [illegible], 6 pp.

RUSSIAN, Zavod Lab, Vol 9, No 3, pp 300-304, 1940.

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Use of the Polargraph for Rapid Analysis,
by G. T. Malyarevskiy, 12 pp.

RUSSIAN, per, Zavod Lab, Vol IX, 1940,
pp 400--407..

SLA R-2902

Sci

Jul 59

91,427

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

The Determination of Gases in Samples of Molten Steel in the Course of a Heat, by the Hot Extraction Method, by P. S. Labedev.

RUSSIAN, per, Zavod Lab, No 4, 1940, pp 436-444.

MLL M.4277

Sci - Chem

193, 754

May 62

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YELTSIN, YU. V
YUROVSKOY, A. A.

Zavodskaya Laboratoriya, vol. 9, No. 7, 9 figures, 2700 words; 1940.

Determination of thickness of decarburized skin on carbon tool steel.

Brutcher, Trans. Order No. 1556, $3.90

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

Vol'kenshtein, M. V., Shorygin, P. P., and Shomova, N. N.
ANALYSIS OF GASOLINES BY THE METHOD OF RAMAN SPECTRA. [1961] [4]p. 14 refs.
Order from OTS or SI A $1.10 61-20362

Condensed trans. of [Zavodskaya Laboratoriya (USSR) 1940, v. 9, no. 8] p. 860-864.

DESCRIPTORS: *Gasoline, *Raman spectroscopy, *Hydrocarbons, Spectrographic analysis

(Chemistry--Analytical, TT, v. 6, no. 10)

61-20362

I. Vol'kenshtein, M. V.
II. Shorygin, P. P.
III. Shomova, N. N.

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Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Electromagnetic Vacuum Balance, by A. S. Mikulinskiy, F. V. Gel'd,

RUSSIAN, per, Zavod Lab, Vol IX, 1940, pp 921,922.

*JPRS for AEC

Sci
7 Mar 60
Dec

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SHMAIBET, D. S.

Zavodskaya Laboratoriya, vol. 9, 20 figures, 6200 words; 1940. pp 1001-1108

Testing of Metals by the Use of Supersonics.

Brutcher Trans, Order No. 1669, $9.30.

AEC 21.
(dist 20 Jun 50)

S.L.A. Lt R-185/Jan 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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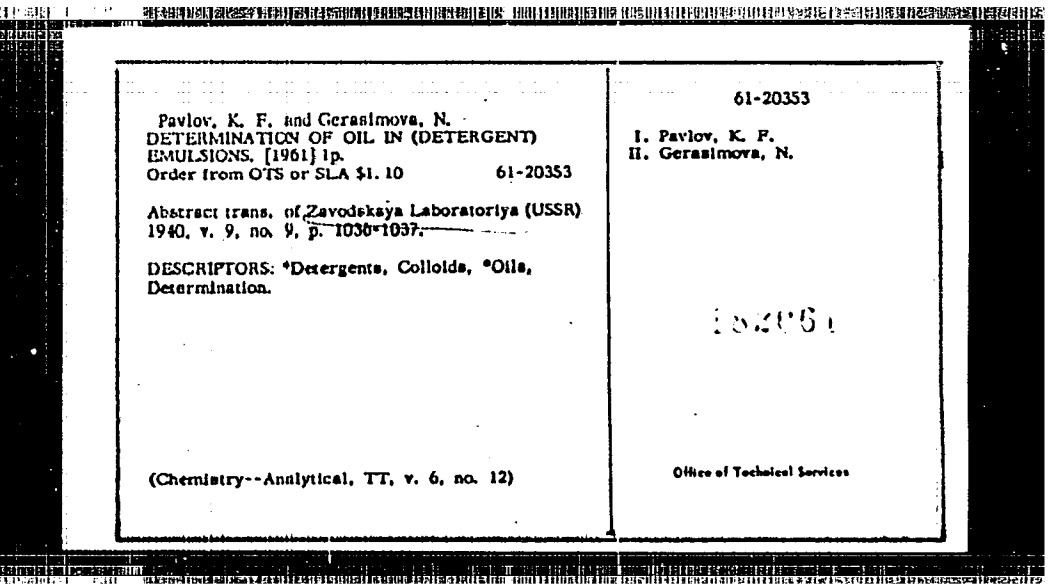

Pavlov, K. F. and Gerasimova, N.
DETERMINATION OF OIL IN (DETERGENT) EMULSIONS. [1961] 1p.
Order from OTS or SLA $1.10 61-20353

Abstract trans. of Zavodskaya Laboratoriya (USSR) 1940, v. 9, no. 9, p. 1030-1037.

DESCRIPTORS: *Detergents, Colloids, *Oils, Determination.

(Chemistry--Analytical, TT, v. 6, no. 12)

61-20353

I. Pavlov, K. F.
II. Gerasimova, N.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Method and Apparatus for Analysis of Small Amounts of Hydrocarbon Gases, by M. V. Aristarkhova, E. V. Filippova, et al.

RUSSIAN, per, Zavod Lab, Vol IX, No 10, 1940, pp 1096-1101.

SIA 61-20352

Sci
Mar 62

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Vol VII, No 2

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Rapid Analysis of Clays and Refractory Materials, by A. Z. Scharfstein, A. K. Dialovenko. UNCL

RUSSIAN, per, Zavod Lab, Vol XX, 1954, pp 1227.

DSIR LLU M.1175

(Loan)
Soi - Phys; Min/Met
Feb 60

108,405

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Application of Photoelectric Method in Colorimetry, by I. I. Bronshtein.

RUSSIAN, per, Zav Lab, Vol IX, No 10, 1940.

Brutcher Tr No 1735

Scientific + Min/Metals $2.55

16,662

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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Preparation of Standard Solution of Titanium, by S. T. Bolyuk.

RUSSIAN, Zav Lab, Vol X, 1941.

Brutcher Tr No 1501

Scientific - Min/Metals $1.00

15,029

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

DZHALTYR, V.

ZAVOD LAB vol 10, 1941

Rapid method for determining sulphur in coke and coal

Brutcher Trans 1167, $1.05

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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KANATUROVA T.

Zavodskaya Laboratoriya, vol. 10, 2 figures, 2 tables, 1400 words; 1941.

Influence of Non-magnetic Coatings on Sensitivity of Magnetic Powder Analysis.

Brutcher Trans, Order No.1166, $1.70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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VINOKUROV, M.

Zavodskaya laboratoriya, vol. 10, 1 table, 900 words; 1941.

Spectrographic Analysis of Stainless Steels for Titanium in the Ultraviolet.

Brutcher Trans, Order No. 1311, $1.15.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

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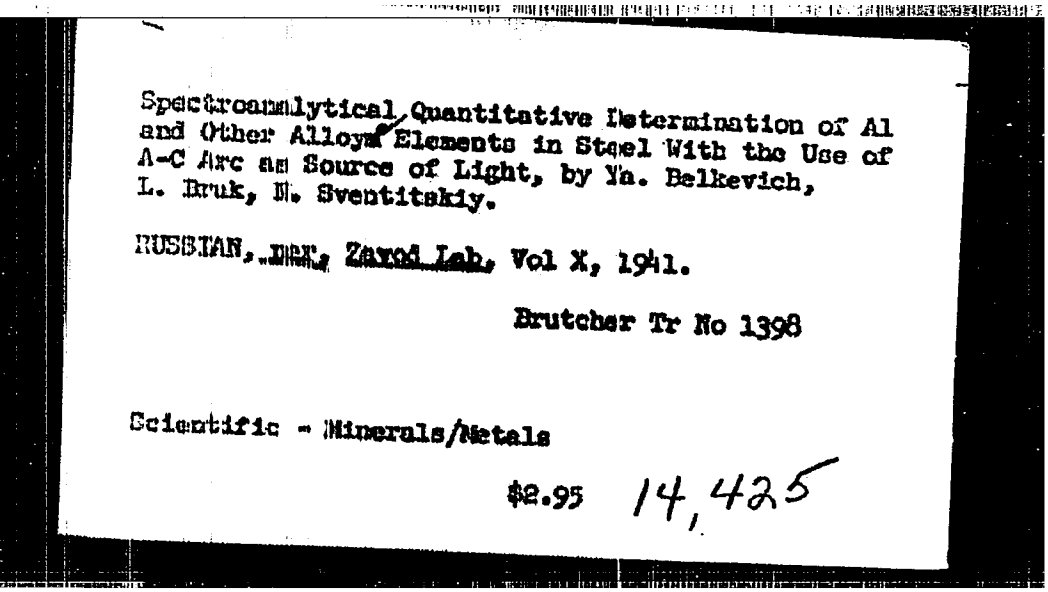

Spectroanalytical Quantitative Determination of Al and Other Alloy Elements in Steel With the Use of A-C Arc as Source of Light, by Ya. Belkevich, L. Bruk, N. Sventitskiy.

RUSSIAN, DAN, Zavod Lab, Vol X, 1941.

Brutcher Tr No 1398

Scientific - Minerals/Metals

$2.95 14,425

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PRINTSMETAL, E.

Zavodskaya Laboratoriya, vol. 10, 1 figure, 1 table; 900 words; 1941.

Quantitative Spectrographic Analysis of Ferrosilicon for Silicon.

Brutcher, Trans. Order No. B 39, $1.25

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

KAISEN, L.

Zavodskaya Laboratoriya, vol. 10, No. 1, 4 figures, 2 tables, 950-word abstract; 1941.

Rapid Analysis of Molten Steel for its Gas Content.

Brutcher Trans, Order No. 1137, $1.15.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

FROLOV, V.

Zavodskaya Laboratoriya, vol. 10, 500 words;
1941.

Split Sleeve for the Sampling of Welding Rods.

Brutcher Trans., Order No. 1315, $1.00

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

Kvartin, M. Ya. and Ovchinnikova, E. I.
EVALUATION OF THE TENDENCY OF TURBINE AND TRANSFORMER OILS TO FORM LOW MOLECULAR ACIDS. [1961] Sp. 3 refs.
Order from OTS or SLA $1.10 61-16882

Condensed trans. of Zavodskaya Laboratoriya (USSR) 1941, v. 10, no. 1, p. 39-42.

DESCRIPTORS: *Oils, Tests, Turbines, Transformers, Chemical reactions, Mathematical prediction, Probability, Oxidation, *Fatty acids, Acids.

Tests were carried out with thirteen turbine and four transformer oils. The performance of these oils was then noted during periods of up to 25 months. It was found that the laboratory method of K. I. Ivanov et al. offers a prediction of the behavior of the oil with a probability of 75%. In most cases of disagreement, the oil showed a neutral reaction during the performance, (Engineering--Chemical, TT, v. 6, no. 9) (over)

61-16882

I. Kvartin, M. Ya.
II. Ovchinnikova, E. I.

185402

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300910010-4

Popova, N. V. and Orechkin, D. B.
RAPID METHOD OF DETERMINATION OF PYRIDINE BASES AND PHENOLS IN PRODUCTS OF DESTRUCTIVE HYDROGENATION. [1961] [3]p. 5 refs.
Order from OTS or SLA $1.10 61-20350

Condensed trans. of Zav[odskaya] Lab[oratoriya] (USSR) 1941, v. 10, no. 1, p. 46-50.

DESCRIPTORS: *Pyridines, *Phenols, Determination, Fuels, *Gasoline, Coal, Hydrogenation.

(Chemistry--Analytical, TT, v. 6, no. 10)

61-20350

I. Popova, N. V.
II. Orechkin, D. B.

17324

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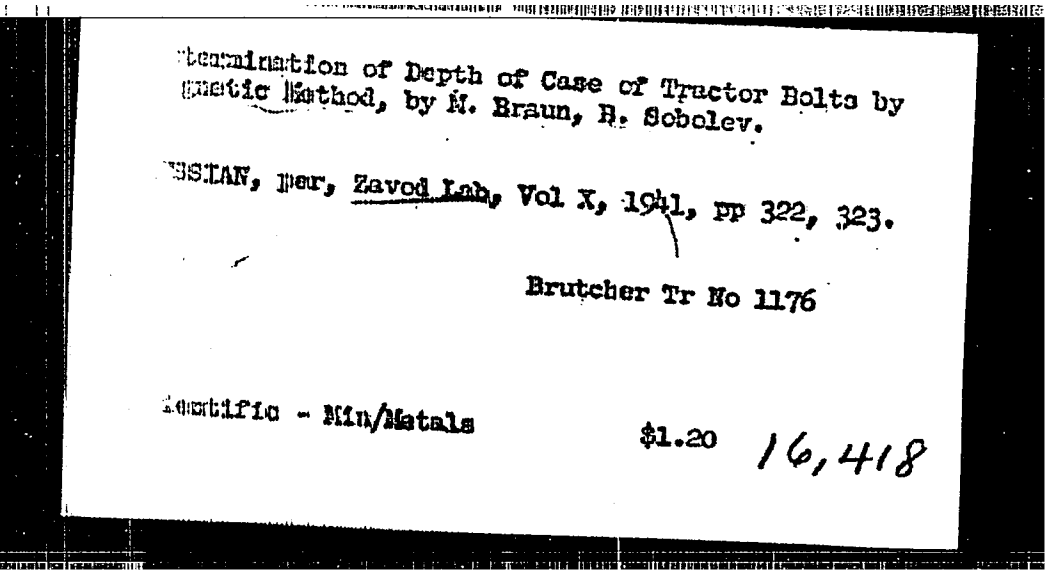

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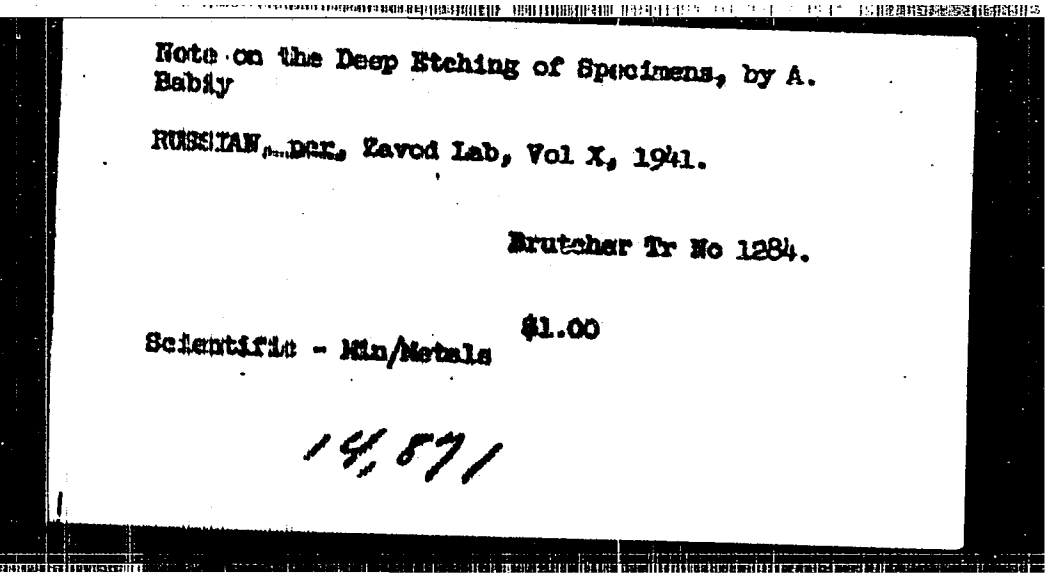

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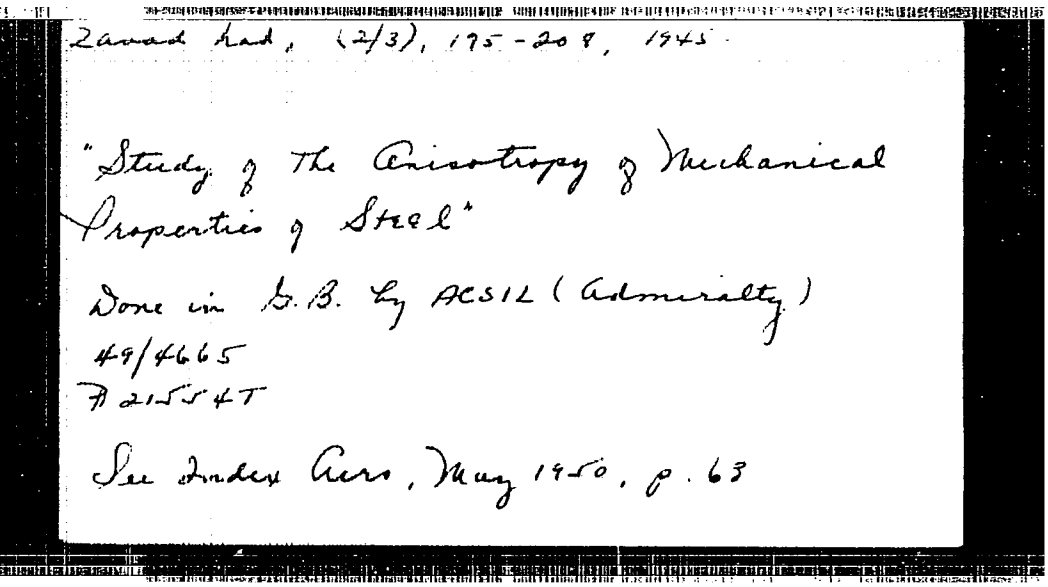

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1. Colorimetry--Instrumentation
2. Chemical analysis--Instrumentation

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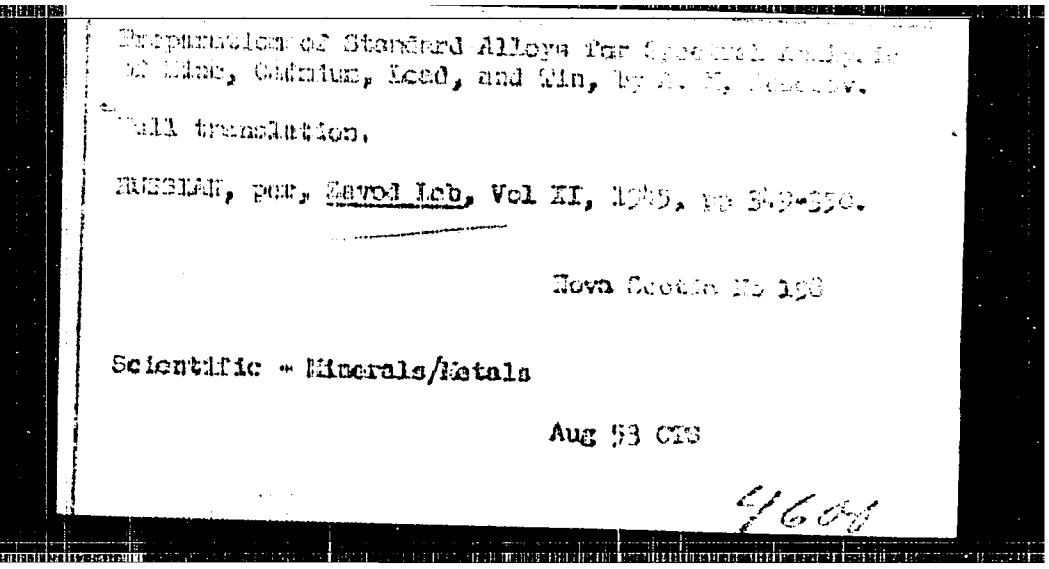

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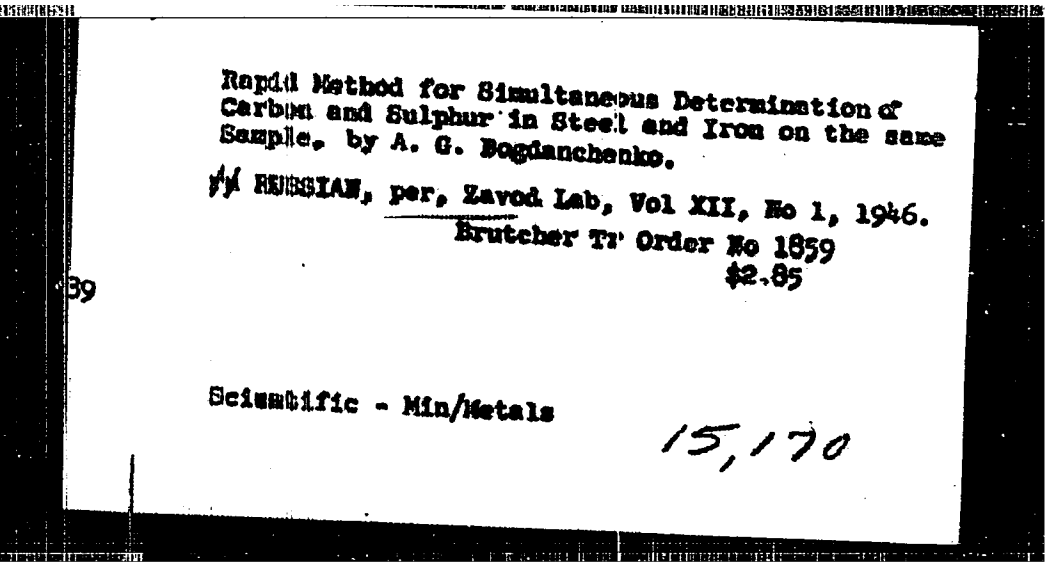

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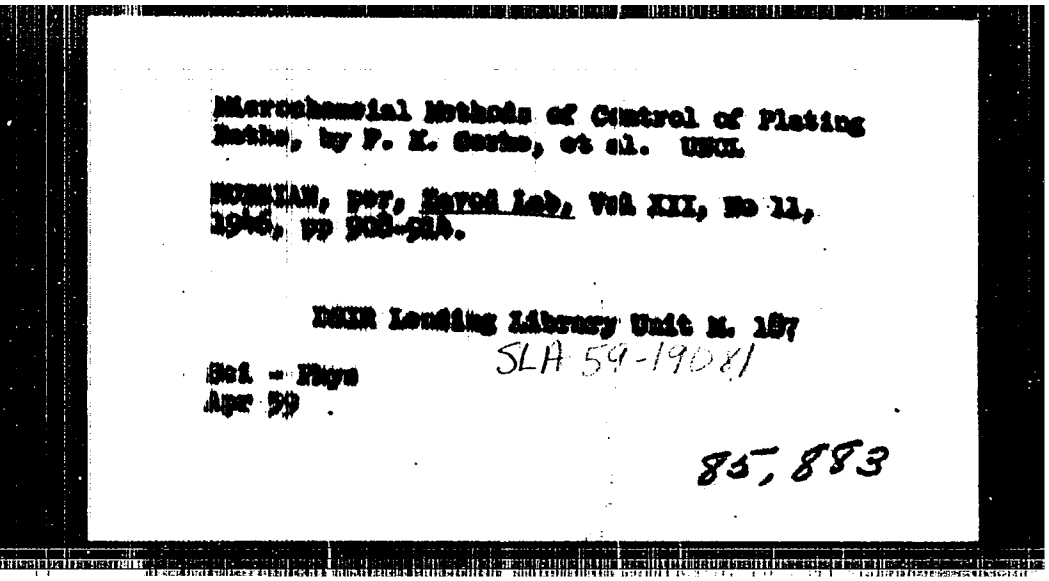

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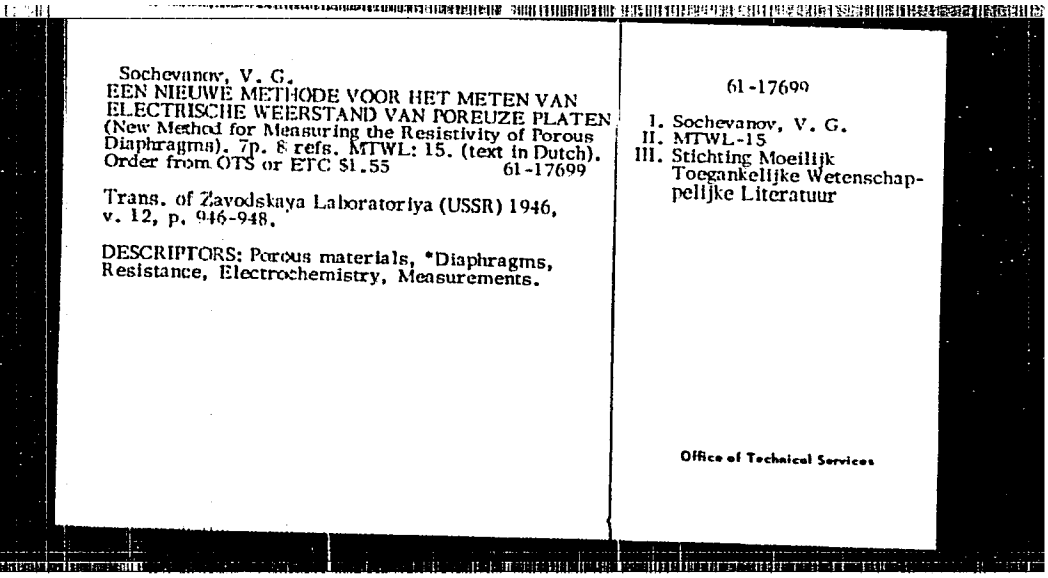

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61-17699

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